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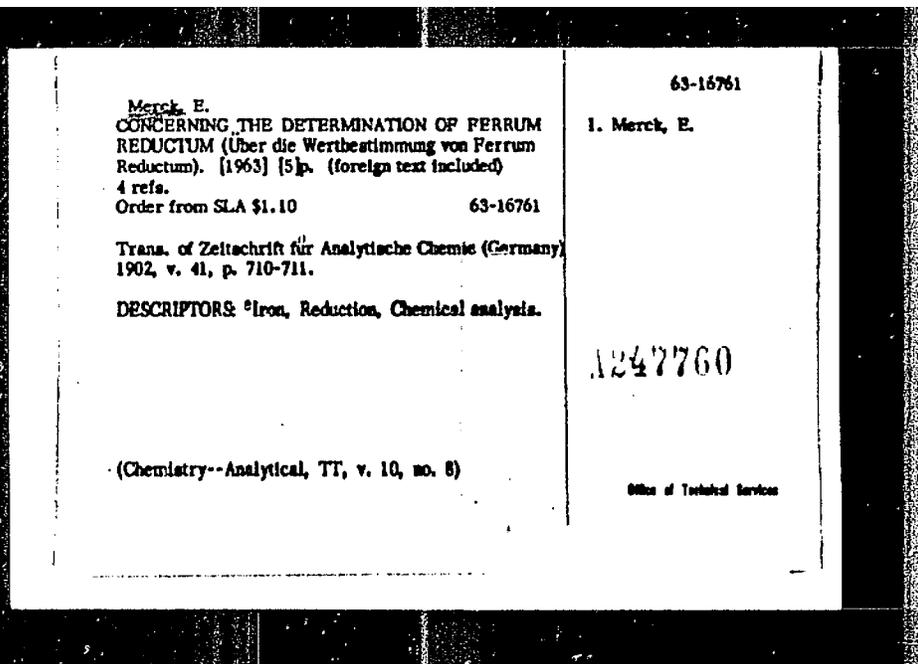
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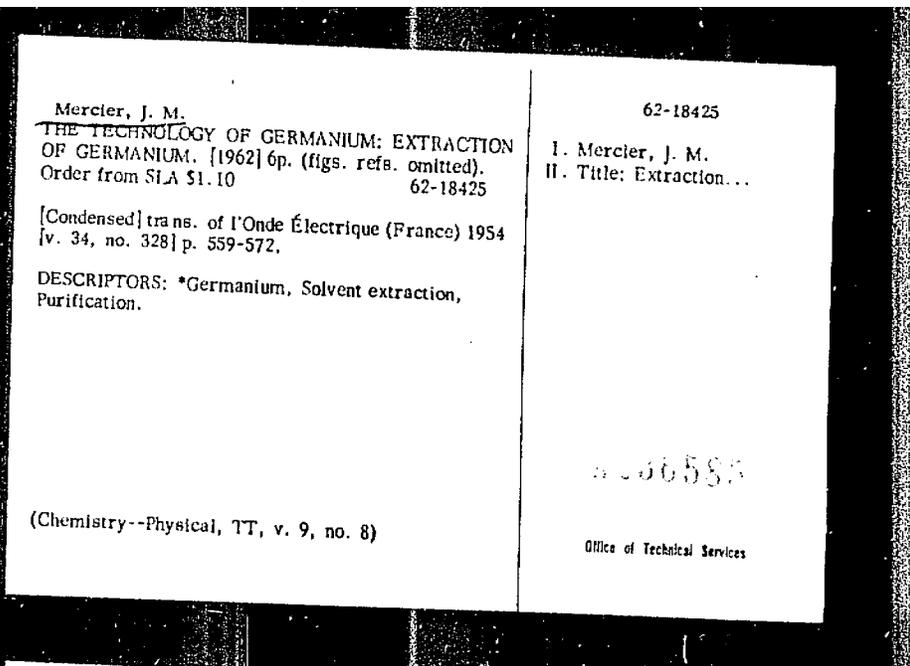
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Addition compounds of aluminum halides and aliphatic
ethers are split by heat into aluminum oxyhalides and
alkyl halides. The Al-oxyhalides are very hygroscopic
and cannot be sublimed or distd. They are insol. in
benzene and hydrocarbons but sol. in nitrobenzene and
acetone (clear, colored solns.). They are decomposed
by water and alcohol, ethyl alcohol forming aluminum
chloro-diethylate. Al-oxy-chloride forms with 2 mols
 NH_3 a crystalline double compd., $\text{AlONH}_2 \cdot \text{NH}_4\text{Cl}$. The
oxyamide is unstable and gives off NH_3 . (Author)

(Chemistry--Organic, TT, v. 5, no. 10)

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 2. Ethers--Chemical
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 - II. Title: Concerning...

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p. 52-66.

DESCRIPTORS: Organic compounds, Aluminum
compounds, *Electrodeposition, *Aluminum coatings.

(Chemistry--Physical, TT, v. 10, no. 12)

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